

## INDUSTRIAL COMPONENT DATA

**DC1-349D5NB-A20CE1 185733 Y7-185733 EATON ELECTRIC**  
**Variable frequency drive, 400 V AC, 3-phase, 9.5 A, 4 kW,..**

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-349D5NB-A20CE1



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | DC1-349D5NB-A20CE1                 |
| Catalog number  | Y7-185733                          |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-24BFD2F299                      |
| Generated       | 2026-08-06                         |

**Product Overview**

Variable frequency drive, 400 V AC, 3-phase, 9.5 A, 4 kW, IP20/NEMA 0, Brake chopper, FS2

DC1-349D5NB-A20CE1

Eaton DC1 Variable frequency drive, 400 V AC, 3-phase, 9.5 A, 4 kW, IP20/NEMA 0, Brake chopper, FS2

DC1-349D5NB-A20CE1

Variable frequency drive, Part group reference (e.g. DIL): DC1, Rated operational voltage:  $U_e = 400 \text{ V AC}$ , 3-phase, 480 V AC, 3-phase, Output voltage with  $V_e$ :  $U_2 = 400 \text{ V AC}$ , 3-phase, 480 V AC, 3-phase, Mains voltage (50/60Hz):  $U_{LN} = 380 (-10\%) - 480 (+10\%) \text{ V}$ , Rated operational current At 150% overload:  $I_e = 9.5 \text{ A}$ , Note: Rated operational current at an operating frequency of 16 kHz and an ambient air temperature of  $+50^\circ\text{C}$ , Note: Overload cycle for 60 s every 600 s, Assigned motor rating Note: for normal internally and externally ventilated 4 pole, three-phase asynchronous motors with 1500 rpm-1 at 50 Hz or 1800 min-1 at 60 Hz, Overload cycle for 60 s every 600 s, at 400 V, 50 Hz, Assigned motor rating 150 % Overload:  $P = 4 \text{ kW}$ , 150 % Overload:  $I_M = 8.5 \text{ A}$ , Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload:  $P = 5 \text{ HP}$ , Assigned motor rating 150 % Overload:  $I_M = 7.6 \text{ A}$ , Degree of Protection: IP20/NEMA 0, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fieldbus connection (optional): SmartWire-DT, Fitted with: Brake chopper, 7-digital display assembly, Frame size: FS2, Standards: Specification for genera...

## STRUCTURED PRODUCT DATA

**Technical Specifications**

No structured technical attributes are currently available. Submit an RFQ for technical review.

**Classification & Catalog Path**

|              |                                                 |
|--------------|-------------------------------------------------|
| Catalog path | EATON - MOELLER > Power XL Frequency Converters |
|--------------|-------------------------------------------------|

## Additional Product Information

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### General specifications

Product Name Eaton DC1 Variable frequency drive Catalog Number 185733 Model Code DC1-349D5NB-A20CE1 EAN 4015081812325 Product Length/Depth 152 mm Product Height 231 mm Product Width 107 mm Product Weight 2 kg

Certifications IEC/EN61800-5

UL Category Control No.: NMMS, NMMS7

Specification for general requirements: IEC/EN 61800-2

UL

UL 508C

IEC/EN 61800-3

RoHS, ISO 9001

EAC

UL report applies to both US and Canada

CUL

RCM

Safety requirements: IEC/EN 61800-5-1

UkrSEPRO

UL File No.: E172143

CSA-C22.2 No. 14

IEC/EN61800-3

CE

Certified by UL for use in Canada Catalog Notes Features & Functions

Features Parameterization: drivesConnect

Parameterization: drivesConnect mobile (App)

Parameterization: Fieldbus

Parameterization: Keypad Fitted with: Internal DC link

PC connection

Control unit

Breaking resistance

Brake chopper

IGBT inverter

7-digital display assembly

Additional PCB protection Functions 4-quadrant operation possible General

Cable length 200 m, screened, with motor choke, maximum permissible, Motor feeder

300 m, unscreened, with motor choke, maximum permissible, Motor feeder

100 m, screened, maximum permissible, Motor feeder

150 m, unscreened, maximum permissible, Motor feeder Communication interface SmartWire-DT, optional

OP-Bus (RS485), built in

CANopen®, built in

Modbus RTU, built in Connection to SmartWire-DT In conjunction with DX-NET-SWD3 SmartWire DT module

Yes Degree of protection IP20

NEMA Other Frame size FS2 Mounting position Vertical Product...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-349D5NB-A20CE1 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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